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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Martin Hermann Klemens BRUNE et al. : **Group Art Unit 1652**  
Serial No. 09/937,296 : Examiner D. Steadman  
Filed November 14, 2001 : Confirmation No. 9738

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ASSAYS FOR NUCLEOSIDE DIPHOSPHATES  
AND TRIPHOSPHATES

**AMENDMENT**

Assistant Commissioner for Patents,  
Washington, DC 20231

Sir:

Responsive to the Official Action dated June 24, 2002, the time for responding thereto being extended for one month in accordance with a petition for extension submitted concurrently herewith, please amend the above-identified application as follows:

**IN THE CLAIMS**

Cancel without prejudice claims 22 and 23.

Please amend the claims as follows:

b1

Rev C3

20. (Amended) A process for detecting the presence of a nucleoside diphosphate in a sample, comprising a step of detecting the dephosphorylation of the phosphoenzyme form of a nucleoside diphosphate kinase (NDPK), wherein the NDPK is modified to carry a label in both its phosphorylated and unphosphorylated forms, which label gives a different detectable signal when the enzyme is phosphorylated from when it is unphosphorylated.
21. (Amended) A process for detecting the presence of a nucleoside triphosphate in a sample, comprising a step of detecting the phosphorylation of a nucleoside diphosphate kinase (NDPK) to the phosphoenzyme form, wherein the NDPK is modified to carry a label in both its